

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/002376

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F16H61/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | EP 1 099 884 A (NISSAN MOTOR)<br>16 May 2001 (2001-05-16)<br>page 1, line 44 - line 48  | 1                     |
| A<br>Y     | -----<br>WO 02/099317 A (FULLER JOHN WILLIAM EDWARD<br>;TOROTRAK DEV LTD (GB))<br>12 December 2002 (2002-12-12)<br>page 2, line 19 - page 3, line 8 | 2<br>13,14            |
| Y          |   | 13,14                 |
| A          | US 5 395 292 A (GREENWOOD CHRISTOPHER J<br>ET AL) 7 March 1995 (1995-03-07)<br>cited in the application<br>the whole document<br>-----              | 1                     |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

18 August 2004

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25/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Van Prooijen, T

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| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---|---------------------|----------------------------|---------------------|
| EP 1099884                                | A | 16-05-2001          | JP 2001141013 A            | 25-05-2001          |
|   |   |                     | JP 3518468 B2              | 12-04-2004          |
|   |   |                     | JP 2001241547 A            | 07-09-2001          |
|   |   |                     | EP 1099884 A2              | 16-05-2001          |
|   |   |                     | US 6409625 B1              | 25-06-2002          |
| WO 02099317                               | A | 12-12-2002          | EP 1392988 A1              | 03-03-2004          |
|   |   |                     | WO 02099317 A1             | 12-12-2002          |
| US 5395292                                | A | 07-03-1995          | AT 84602 T                 | 15-01-1993          |
|   |   |                     | AU 631386 B2               | 26-11-1992          |
|   |   |                     | AU 4620889 A               | 12-06-1990          |
|   |   |                     | BR 8907774 A               | 13-08-1991          |
|   |   |                     | CA 2003334 A1              | 21-05-1990          |
|   |   |                     | DD 297864 A5               | 23-01-1992          |
|   |   |                     | DE 68904434 D1             | 25-02-1993          |
|   |   |                     | DE 68904434 T2             | 06-05-1993          |
|   |   |                     | EP 0444086 A1              | 04-09-1991          |
|   |   |                     | ES 2037478 T3              | 16-06-1993          |
|   |   |                     | WO 9005860 A1              | 31-05-1990          |
|   |   |                     | GB 2227287 A , B           | 25-07-1990          |
|   |   |                     | HU 63234 A2                | 28-07-1993          |
|   |   |                     | IN 176702 A1               | 24-08-1996          |
|   |   |                     | JP 2646040 B2              | 25-08-1997          |
|   |   |                     | JP 4502954 T               | 28-05-1992          |
|   |   |                     | KR 137405 B1               | 24-04-1998          |
|   |   |                     | PL 165076 B1               | 30-11-1994          |
|   |   |                     | RU 2004863 C1              | 15-12-1993          |
|   |   |                     | US 5423727 A               | 13-06-1995          |
|   |   |                     | CA 2008770 A1              | 30-07-1990          |